

# NEBRASKA WEATHER & CROPS

Run  
1600  
9-21-92



For Week Ending September 20, 1992

Issue: 28-92

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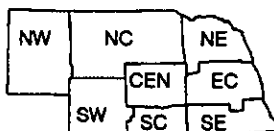
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National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources--UN-L

## WEATHER

Temperatures for the week averaged two to four degrees above normals across the State. Precipitation occurred throughout the week with amounts varying from traces in the northwest up to over two inches in the east central.

## GENERAL

Fall wheat seeding and row crop development progressed well last week, according to the Nebraska Agricultural Statistics Service. Although last week's drying weather was very beneficial, some crops (especially grain sorghum and replanted corn) need more growing degree days before frost. Farm activities included harvest preparations, silage cutting, and limited row crop harvesting.

## CROPS

Corn condition was rated at 5% poor, 16% fair, 56% good, and 23% excellent. Above normal temperatures last week kept crop progression at a near normal pace. Statewide, maturity was about two and a half weeks behind normal, unchanged from a week ago. Harvest of high moisture corn has started in the Southeast District. Corn cut for silage has been active statewide.

Soybean condition was rated at 2% poor, 6% fair, 71% good, and 21% excellent. The soybean crop benefitted

## CROPS (Cont.)

most from last week's weather with leaves turning at an increasing rate and fields with leaves dropping about ten days behind normal statewide. Harvest has begun on a limited scale in several central and eastern locations.

Sorghum condition was rated at 1% poor, 20% fair, 62% good, and 17% excellent. The crop kept pace with the normal development rate but remained three weeks behind normal in reaching maturity statewide. Warmer, drier weather continued to be a necessity before first frost.

Dry bean harvest continued last week but remained about ten days behind normal. Early sugar beet harvest should begin this week.

Winter wheat seeding was 64% complete at week's end, ahead of last year at 52% and the five-year average at 53%. Seedbed preparations continued active.

Alfalfa condition was rated at 15% fair, 70% good, and 15% excellent. Third cutting activities made limited progress last week and were 92% complete by week's end. Fourth cutting activities were 17% complete.

## LIVESTOCK

Pasture and range condition was 99% of normal and compares with 60% of normal last year at this time. Grazing potential remained excellent with some areas experiencing limited additional growth due to the time of year and limited recent rainfall.

FIELD WORK PROGRESS AS OF SEPTEMBER 20, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dented	76	85	80	93	93	78	95	100	89	71	99	98
% corn mature	12	10	10	36	16	17	18	19	18	6	84	69
% sorghum turning color	0	36	64	84	66	61	57	75	68	43	100	95
% sorghum mature	0	1	8	2	5	4	1	4	4	1	83	60
% soybeans turning color	0	58	67	93	81	81	84	100	82	39	96	89
% soybeans dropping leaves	0	8	10	28	29	28	37	42	27	7	75	59
% alfalfa third cutting	80	92	88	98	90	100	100	97	92	86	100	98
% alfalfa fourth cutting	3	17	14	20	18	13	39	26	17	10	na	na
% wheat sown	94	72	31	32	40	65	50	21	64	22	52	53
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 18, 1992												
Days suitable	67	67	48	63	43	69	69	60	57	49	51	
Topsoil moisture - Short	31	0	0	0	8	14	77	12	15	10	68	
(Percent) - Adequate	69	93	91	100	72	86	23	88	79	80	27	
- Surplus	0	7	9	0	20	0	0	0	6	10	5	
Subsoil moisture - Short	15	0	0	0	0	0	8	6	3	3	85	
(Percent) - Adequate	85	93	87	100	96	100	92	88	92	89	15	
- Surplus	0	7	13	0	4	0	0	6	5	8	0	

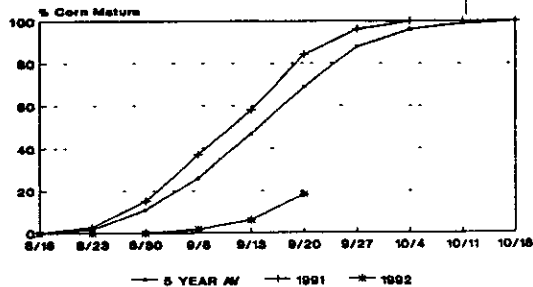
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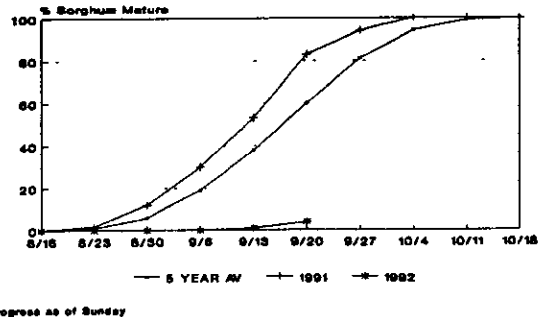
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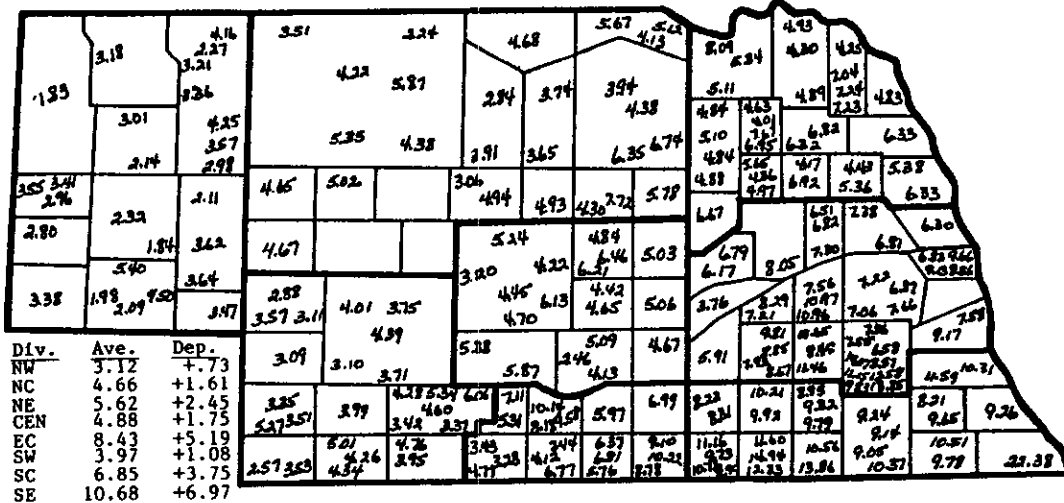
# CORN MATURE



# SORGHUM MATURE

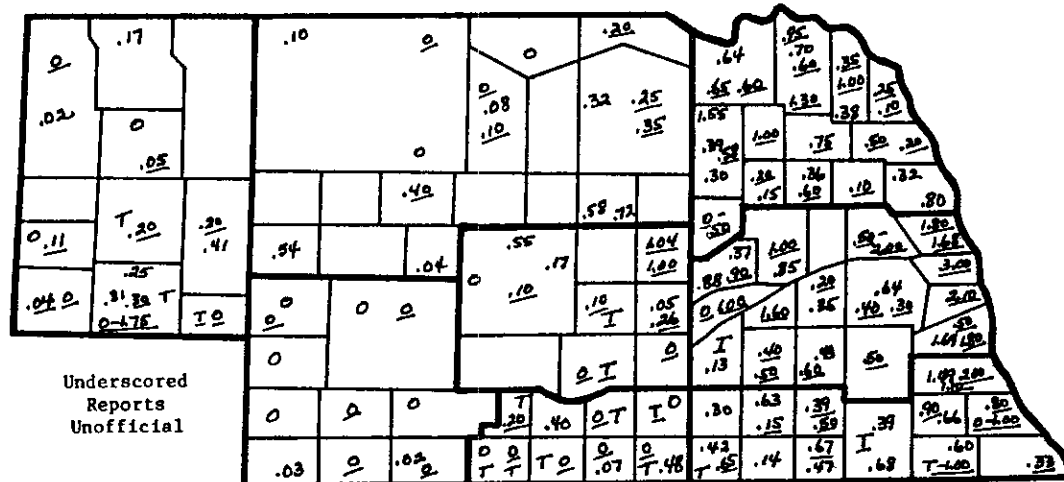


PRECIPITATION MAP FOR MONTH OF JULY 1992 1/



1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 18, 1992



PRECIPITATION, APRIL 1 - SEPTEMBER 18, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	.13	.25	.56	.19	.67	.01	.09	.53
Total since April 1 .....	12.73	17.14	20.98	16.78	21.52	14.53	15.42	23.69
Normal since April 1 .....	12.63	15.68	18.26	17.04	19.80	14.25	17.40	20.89

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 20, 1992

WEEK ENDING SUNDAY, SEPTEMBER 26, 1992										
Station		Temperature				Precipitation	Growing Degree Data Since April 15			
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal	
		Max	Min							
NW	Chadron	95	33	64	---	.03	---	---	---	
	Scottsbluff	91	33	64	+3	.01	2286	2398	2590	
	Sidney	89	34	66	---	.01	2195	2311	2540	
NC	Valentine	89	36	63	+2	.03	2144	2251	2619	
NE	Norfolk	88	42	66	+3	.30	---	---	---	
	Sioux City	86	39	66	+2	.17	---	---	---	
	Concord	---	---	---	---	---	2205	2313	2896	
	Elgin	---	---	---	---	---	2060	2160	2825	
	West Point*	---	---	---	---	---	2339	2457	2962	
	CEN	Grand Island	92	42	68	+4	T	2442	2578	2971
	Ord	89	39	66	---	T	2301	2423	2926	
	EC	Lincoln	90	41	69	+4	.68	2668	2809	3093
	Omaha	87	46	67	+3	2.06	2515	2647	2966	
	Columbus	---	---	---	---	---	2495	2643	3028	
	York	---	---	---	---	---	2515	2671	3129	
	SW	Imperial	92	41	67	---	1.54	---	---	---
	North Platte	93	39	65	+4	T	**2229	**2341	**2791	
	SC	Holdrege	---	---	---	---	2446	2575	3035	
	SE	Beatrice	---	---	---	---	2588	2726	3102	
	Clay Center	---	---	---	---	---	2461	2594	3082	

1/ Precipitation totals not included in map above. \*Automated weather station \*\*West Central Research & Extension Center

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln